

Service Manual for L1 and L2

Nokia 700

RM-670

Key features

- New Symbian Belle software platform
- 3.2" nHD AMOLED screen
- Tap and share with NFC technology
- Personalizable home screens with different size widgets



Exploded view



More

Disassembly steps



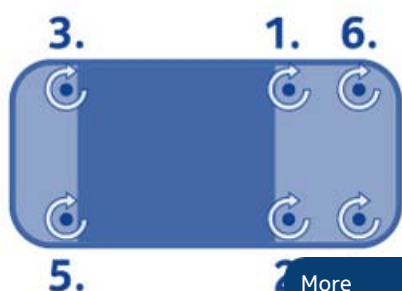
More

Disassembly video



More

Assembly hints



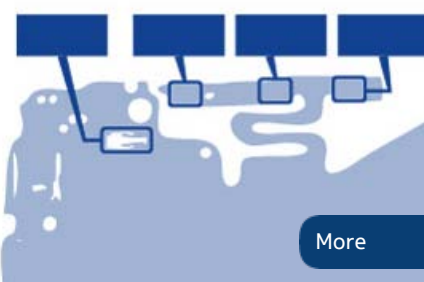
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Service devices



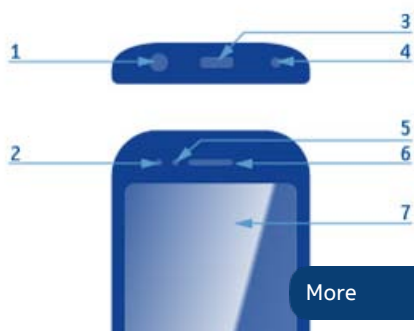
More

Solder components



More

Product controls and interfaces

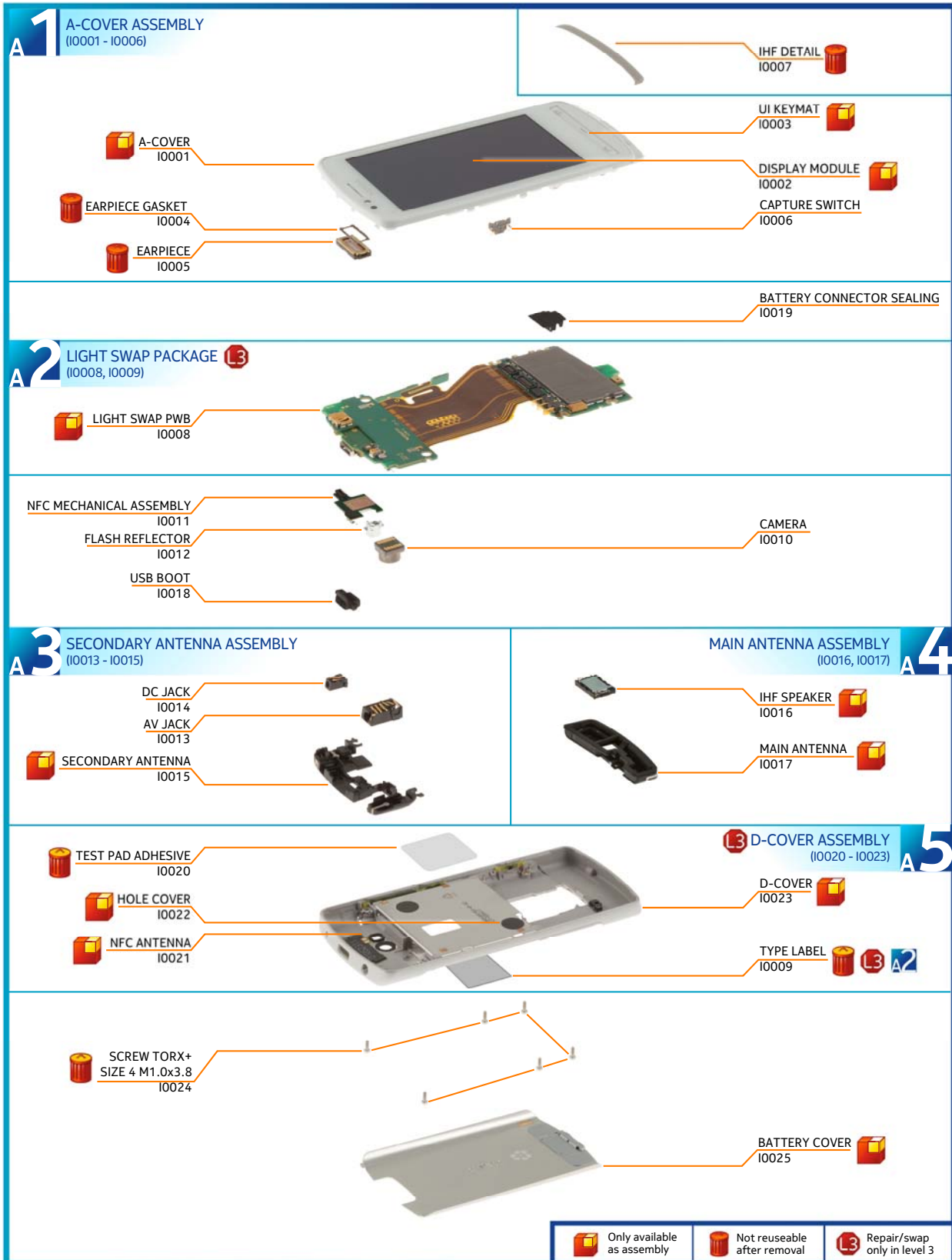


More

Service concept



More

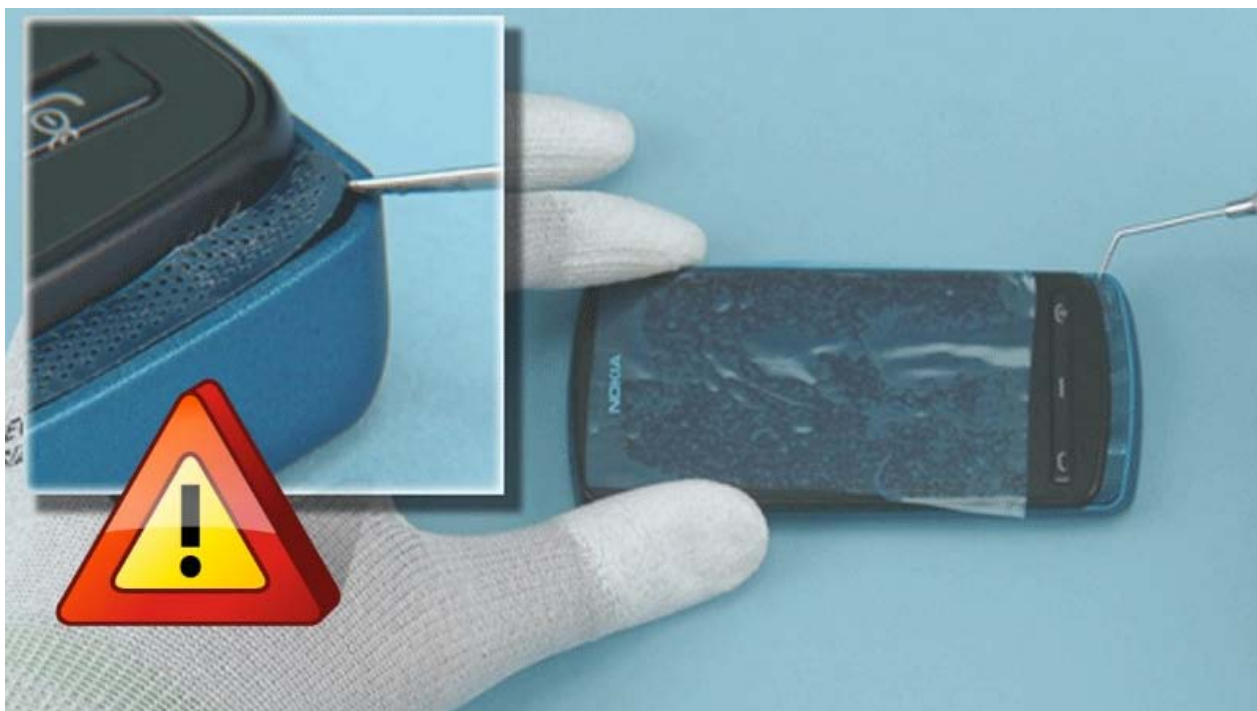




You must use the Nokia Standard Toolkit version 2. You will also need a DC plug, an AV plug and the SS-88 camera removal tool.



Protect the A-COVER with protective film.



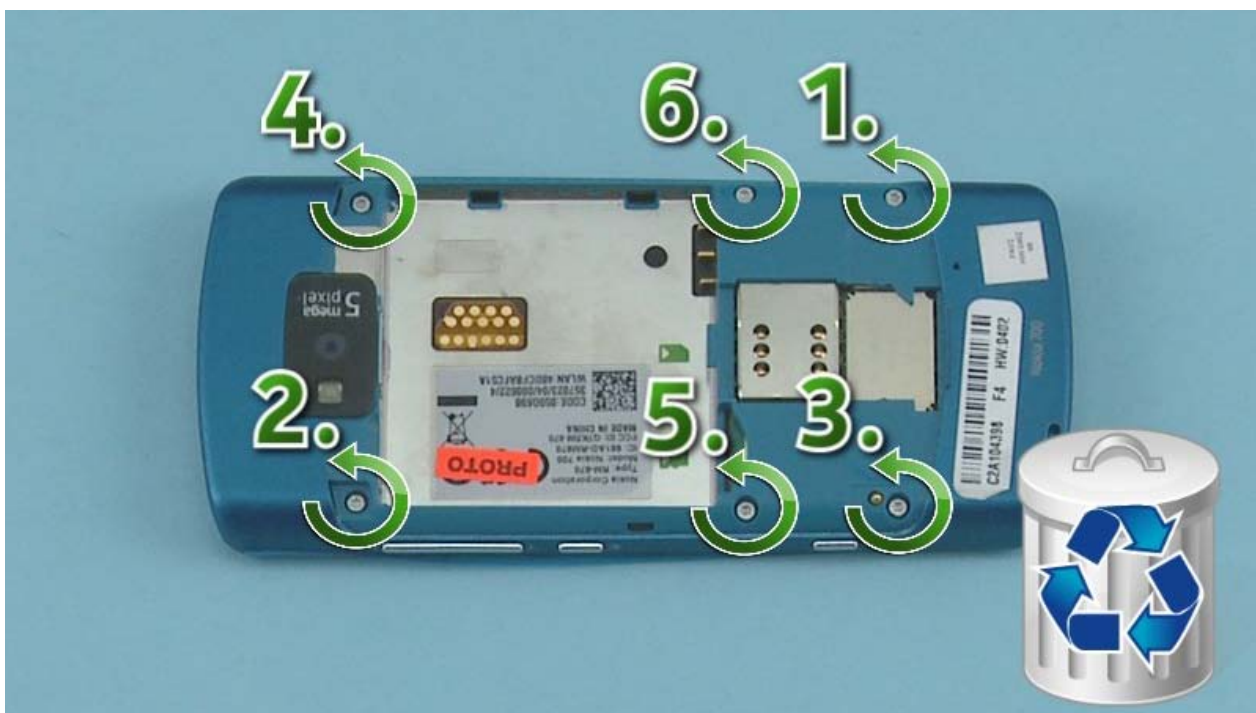
Use the dental tool to peel out one corner of the IHF DETAIL. Be careful not to injure yourself or damage the A-COVER with the sharp end of the dental tool.



Remove the IHF DETAIL with the tweezers. Do not use it again. Discard it.



Open the BATTERY COVER by using the release button. Lift up and remove the BATTERY COVER.



Unscrew the six Torx+ size 4 screws in the order shown. Do not use them again. Discard them.



Press down the A-COVER from the top side with your thumb and slide the SRT-6 to direction shown to release the right side of the A-COVER. This way the hooks holding the A-COVER will not get damaged.



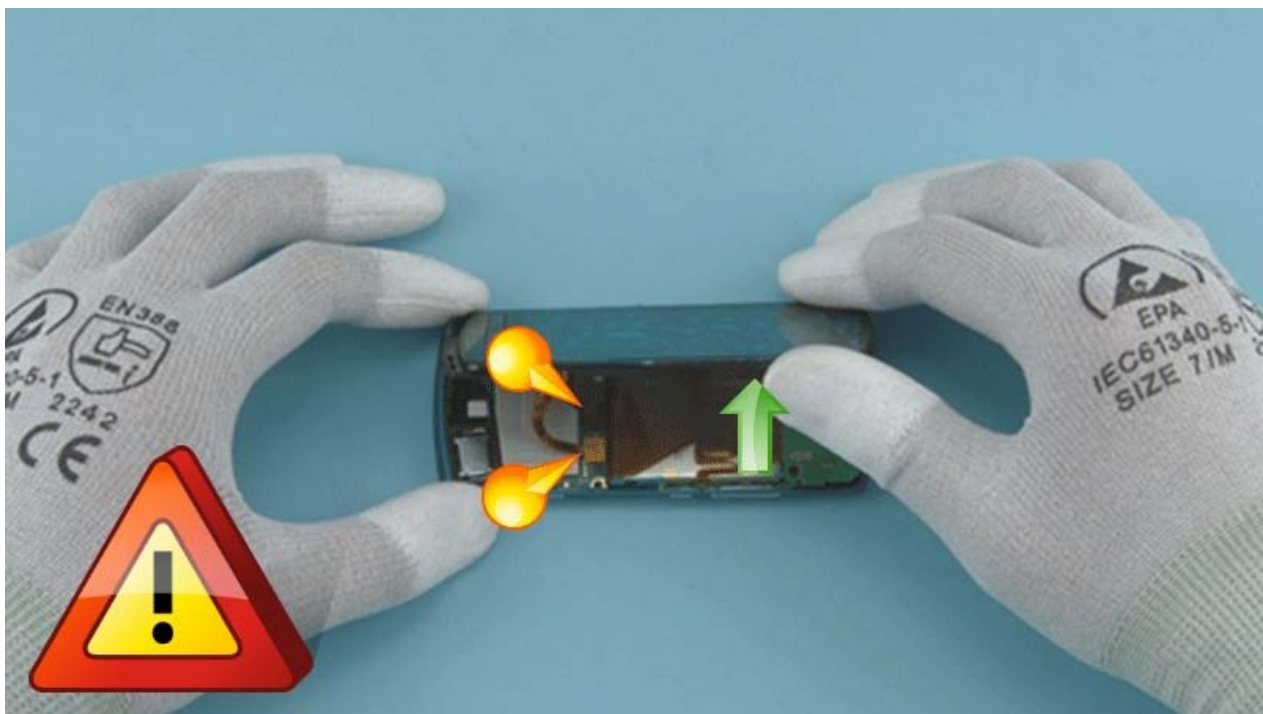
Keep pressing down the A-COVER from the top side and open the top side of the A-COVER by sliding the SRT-6 to direction shown.



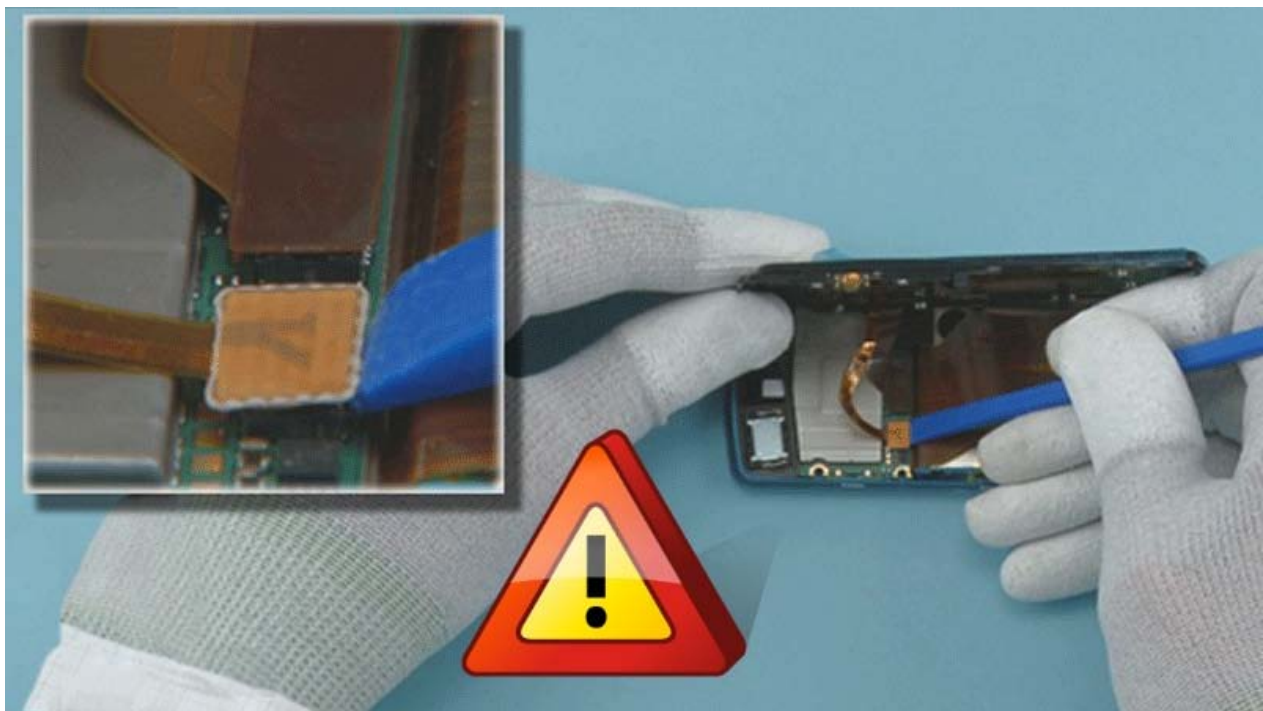
Open also the left side of the A-COVER by sliding the SRT-6 towards the bottom end.



Carefully pull the A-COVER to direction shown to release the bottom end.



Lift up the right side of the A-COVER as shown. Note that the A-COVER must not be lifted up completely to avoid damaging the flexes underneath.



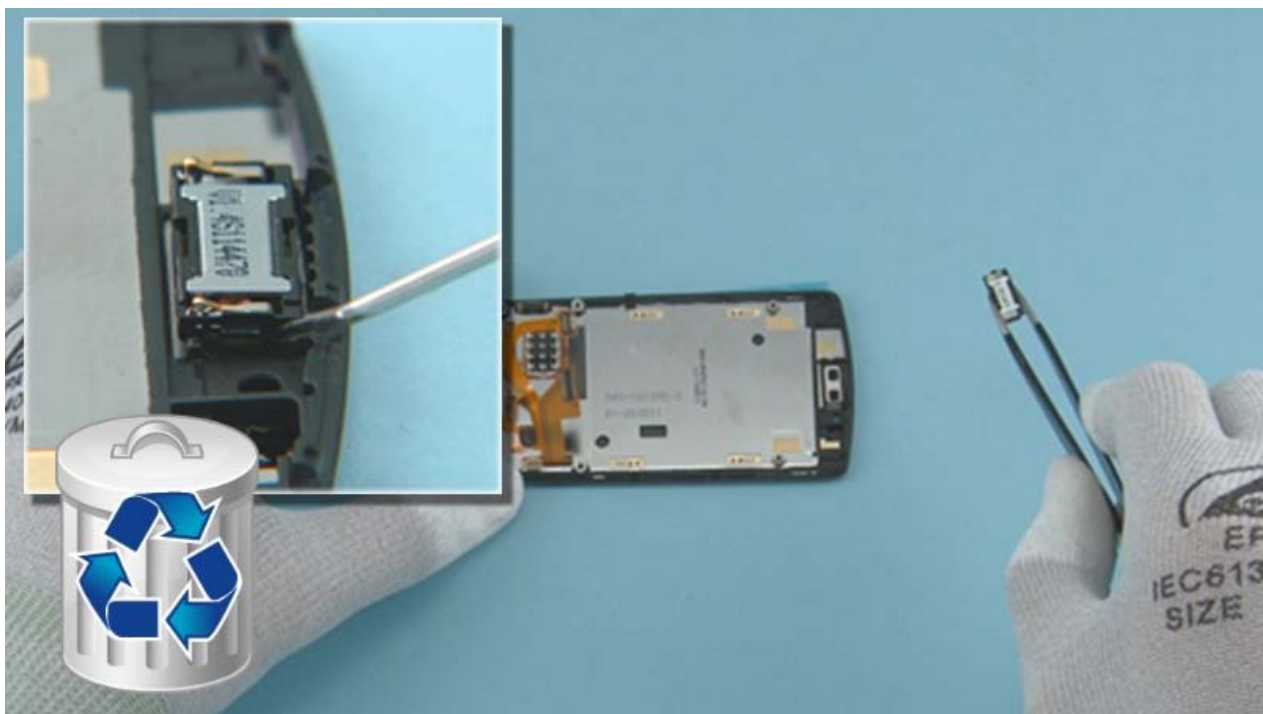
Use the SS-93 to open the UI connector. Be careful not to damage the connector or any nearby components.



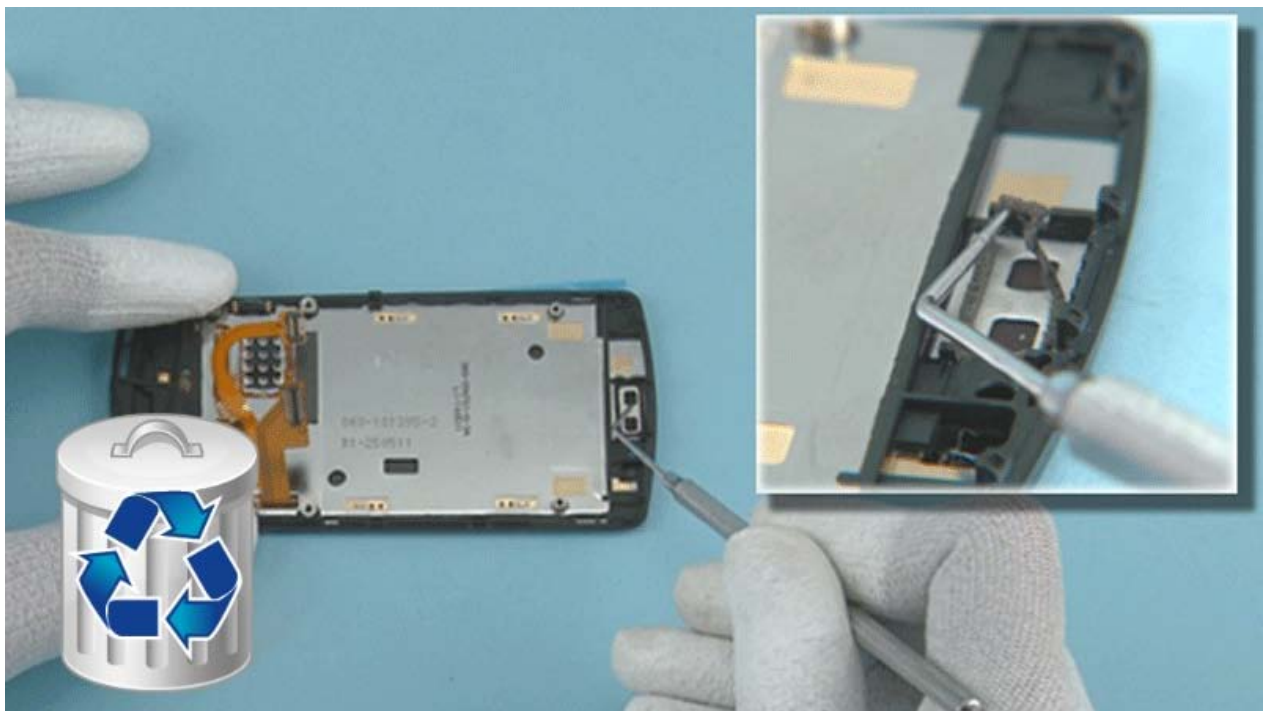
Open also the DISPLAY connector with the SS-93. Be careful not to damage the connector or any nearby components.



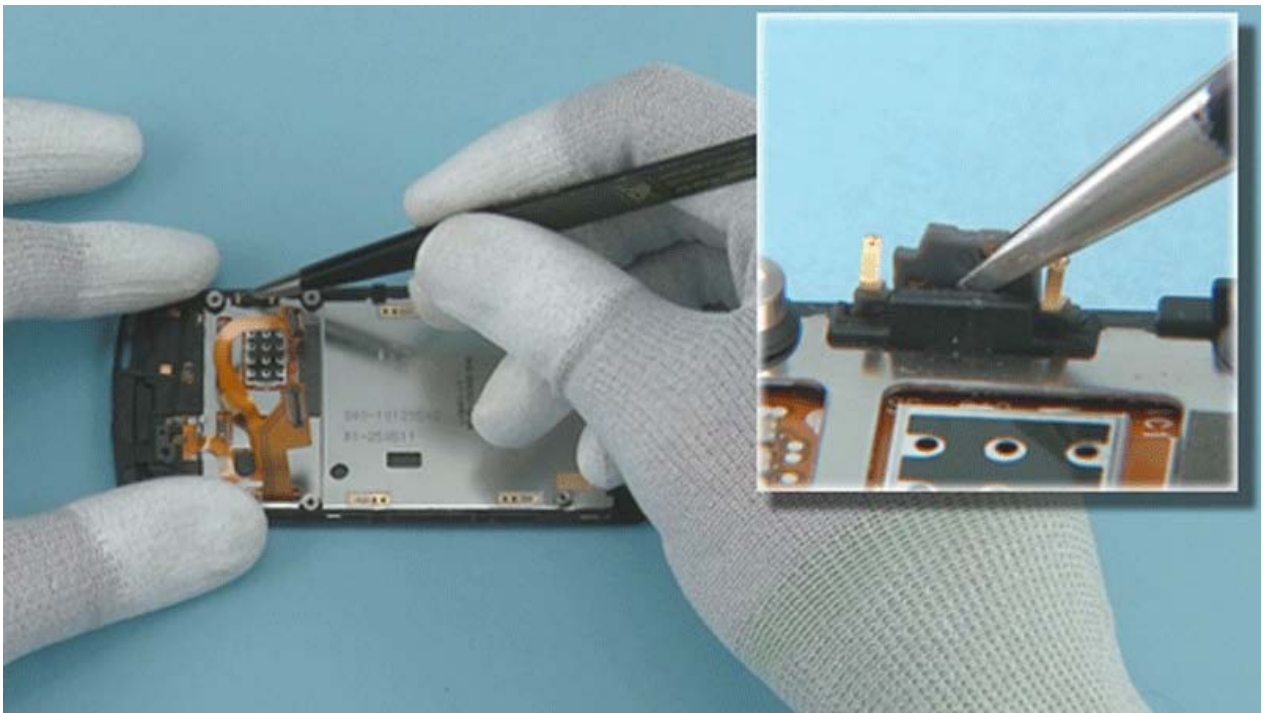
The A-COVER can now be separated.



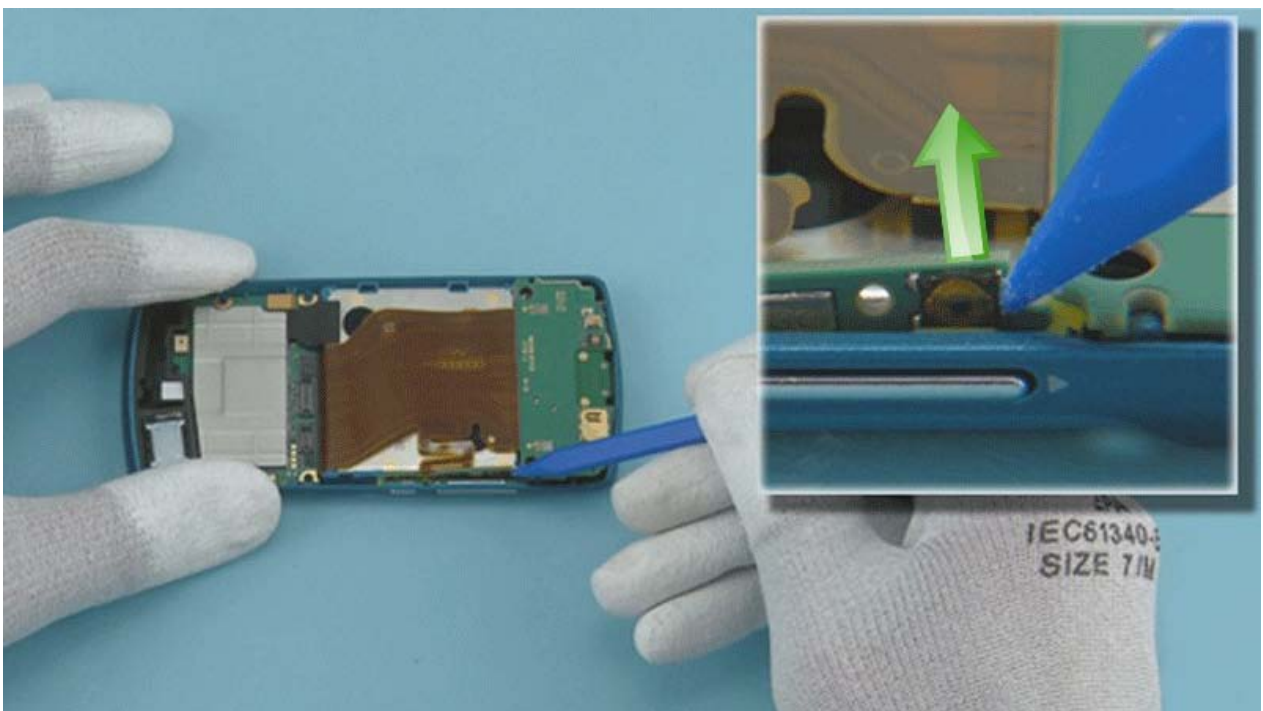
Lift up the EARPIECE with the dental tool. Remove the EARPIECE with the tweezers. Do not use it again. Discard it.



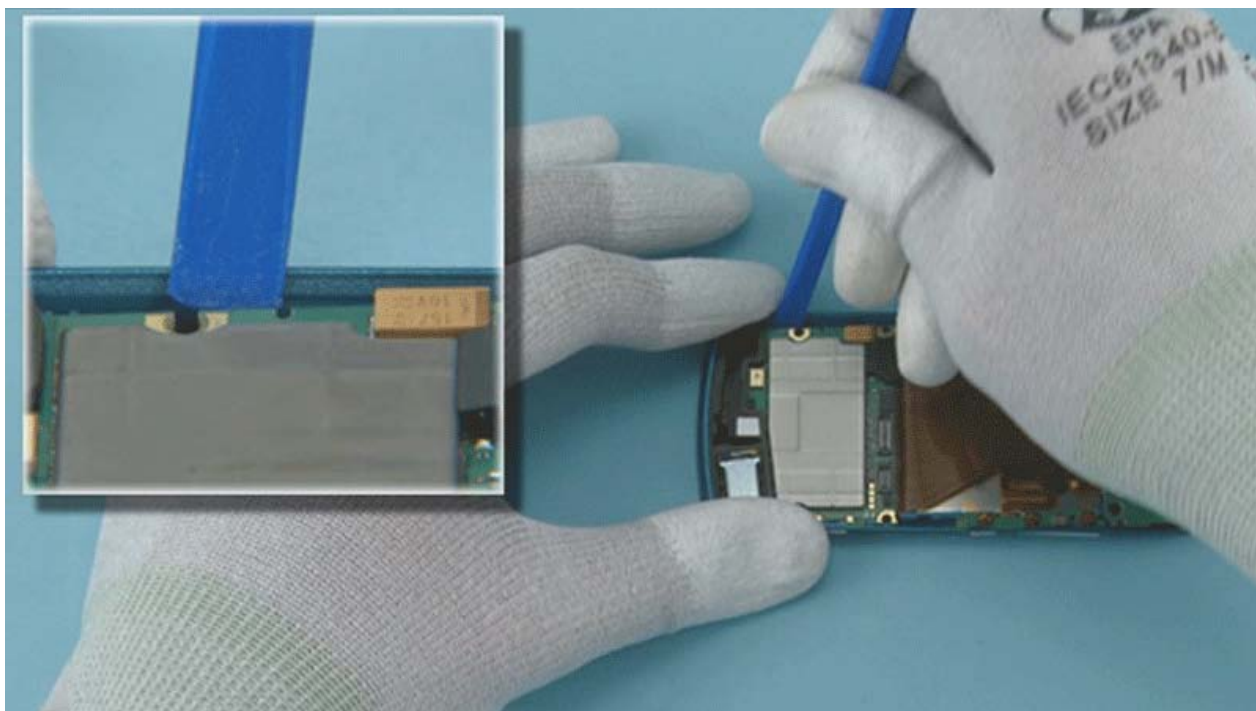
Remove also the EARPIECE GASKET with the dental tool. Do not use it again. Discard it.



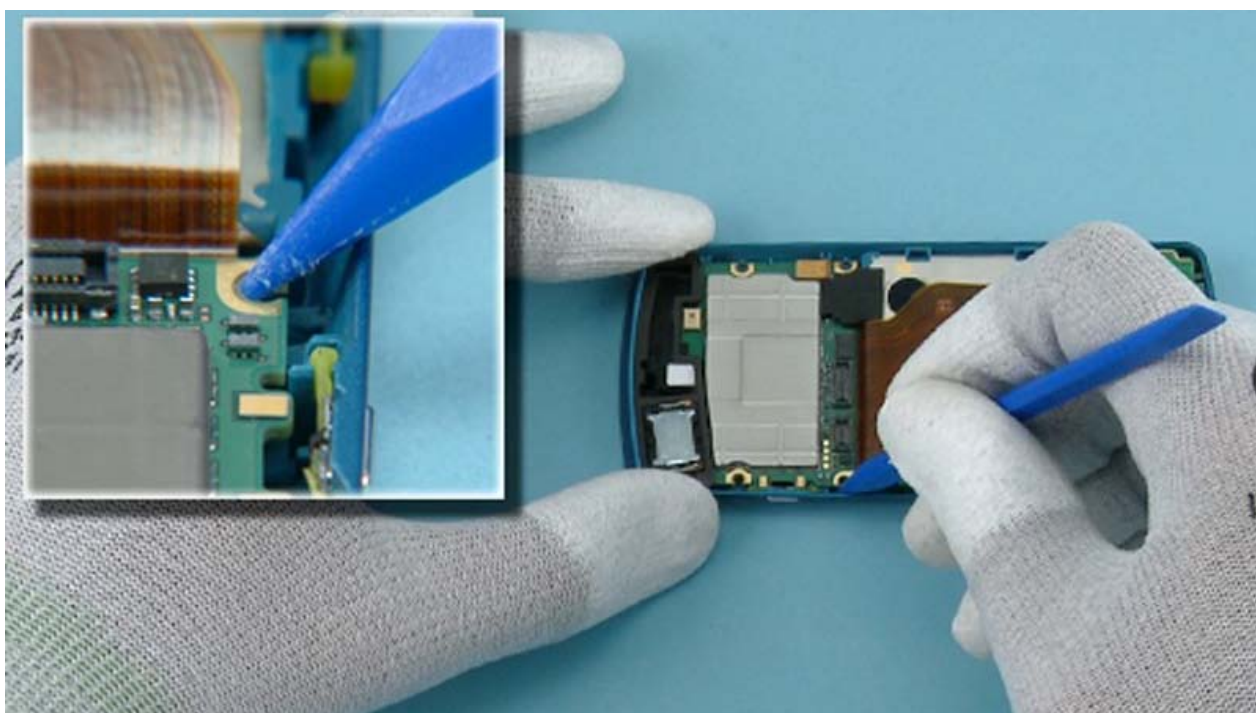
Remove the CAPTURE SWITCH with the tweezers.



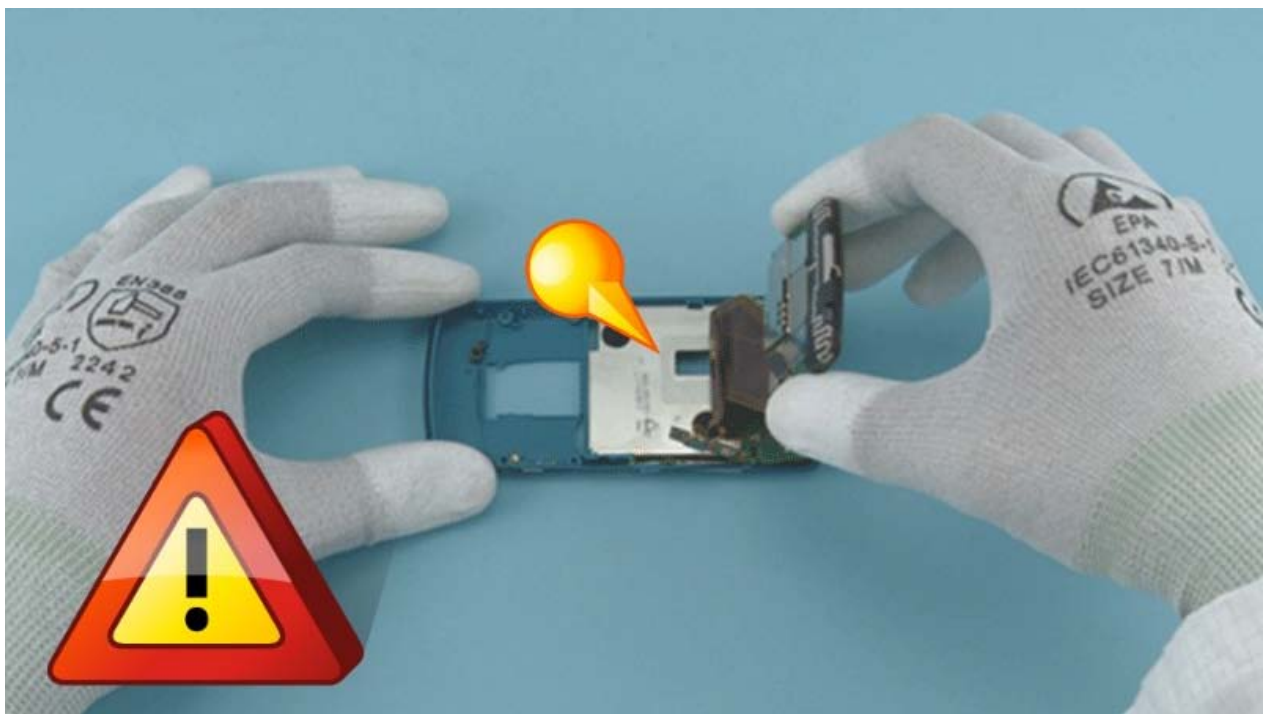
Use the sharp end of the SS-93 to lift up the side keys from their housing.



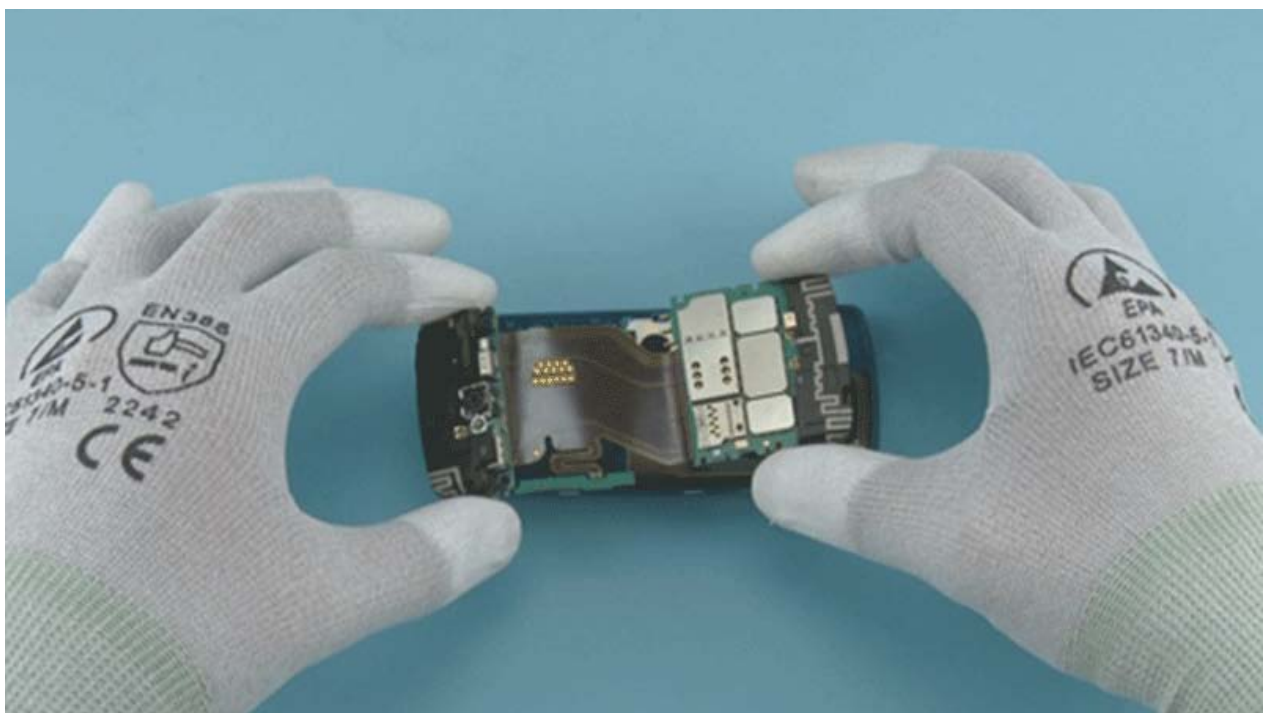
Use the SS-93 to lever out the ENGINE BOARD from the shown place.



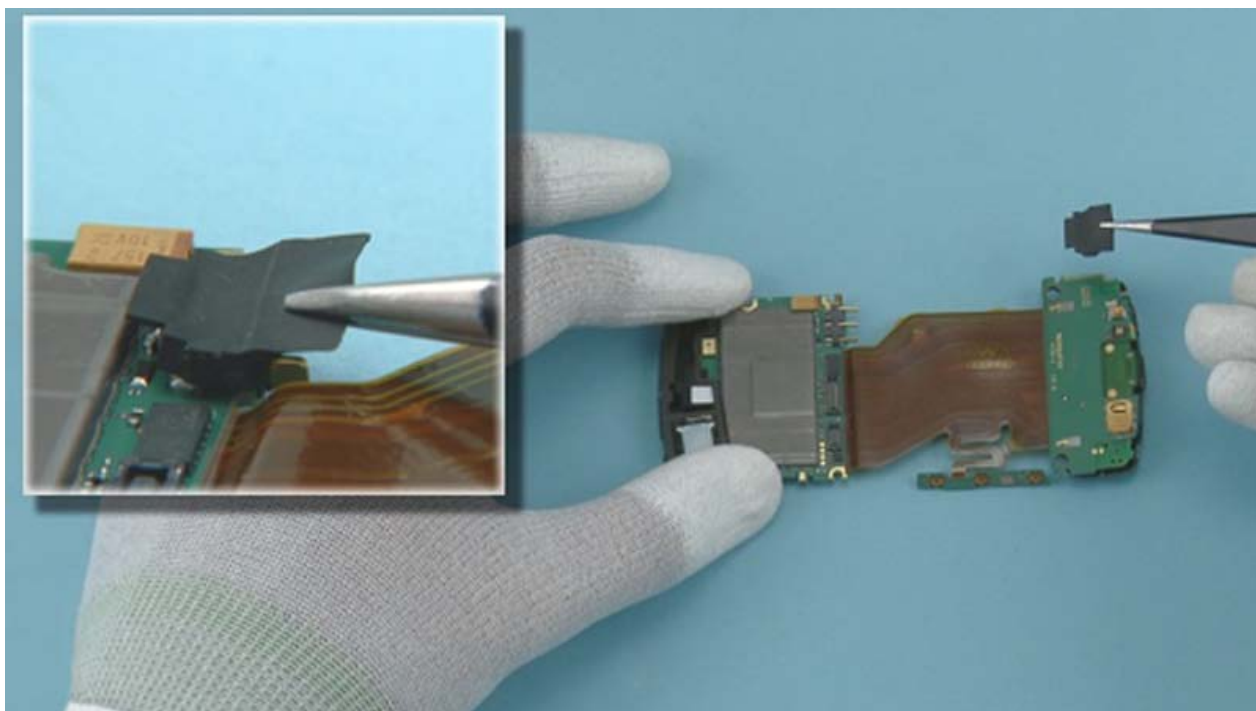
Use the sharp end of the SS-93 to lever out the opposite side of the ENGINE BOARD.



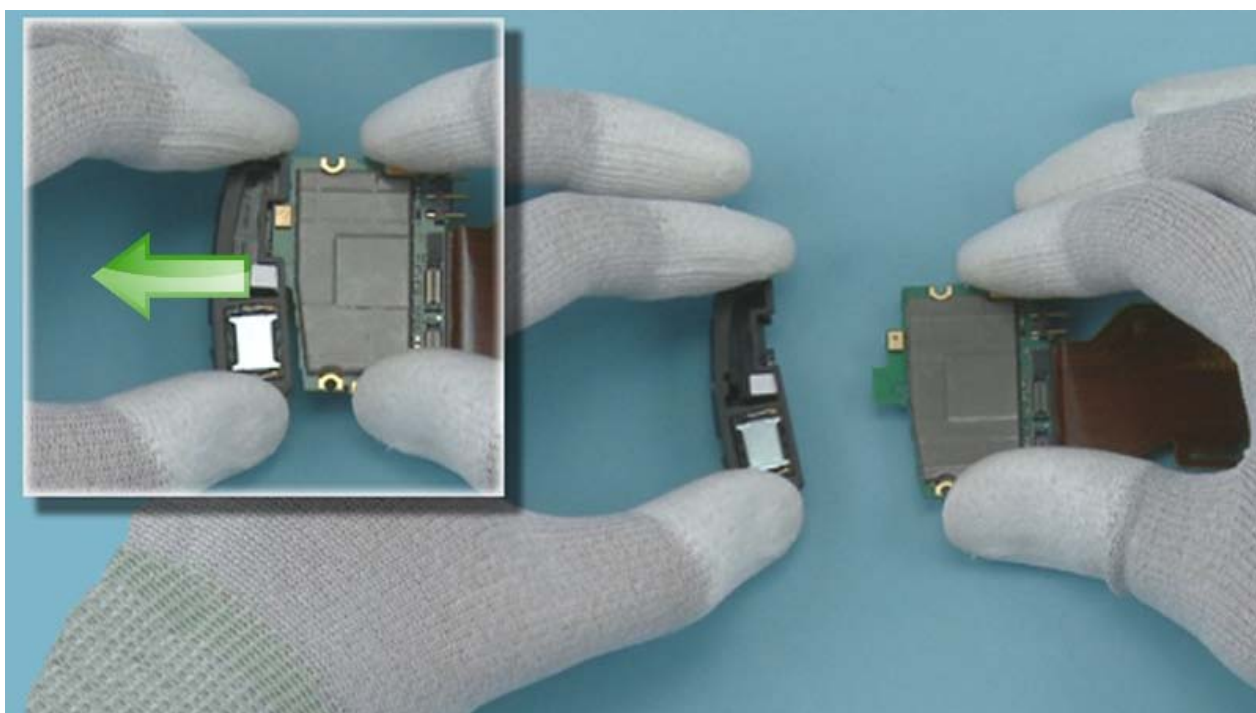
Carefully lift up the ENGINE BOARD from the bottom side. Note that the ENGINE BOARD flex is attached to the D-COVER with the TEST PAD ADHESIVE. Be careful not to damage the ENGINE BOARD.



The ENGINE BOARD can now be separated.



Remove the BATTERY CONNECTOR SEALING with the tweezers.



Pull the MAIN ANTENNA to direction shown and remove it.

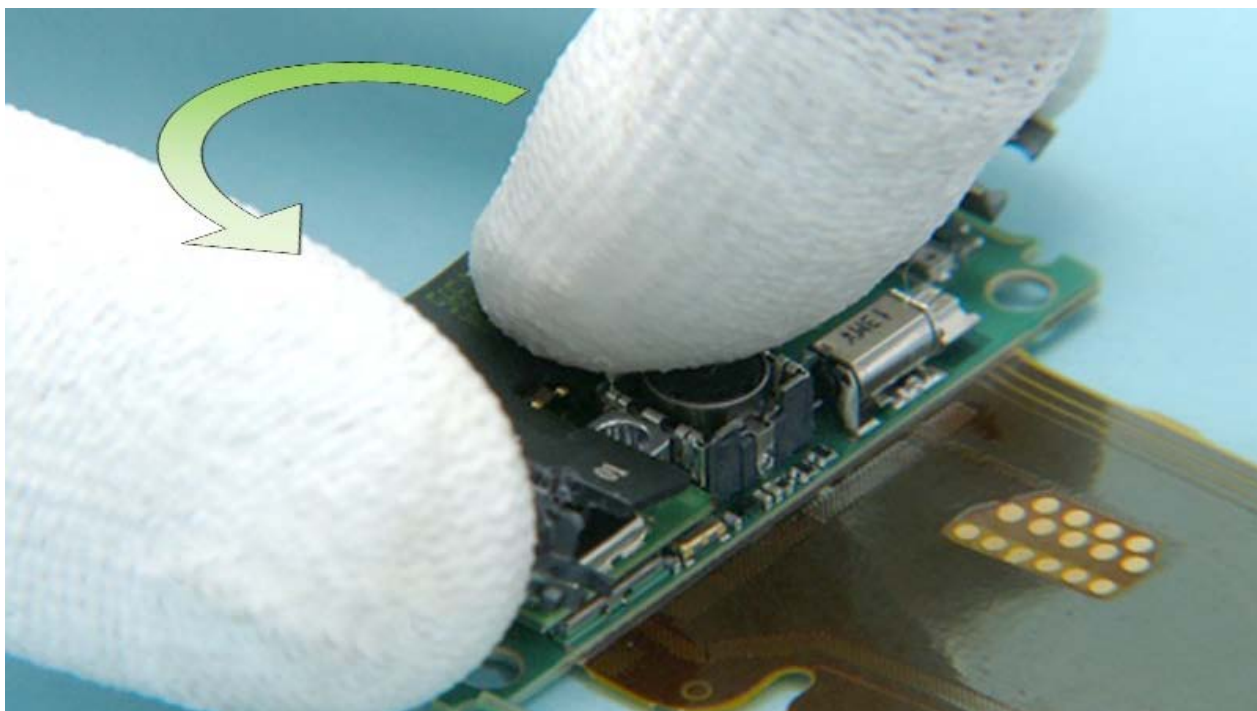
Scenario A

Removing the SECONDARY ANTENNA

If the SECONDARY ANTENNA is attached to the ENGINE BOARD with the antenna hook.



To release the SECONDARY ANTENNA push down with finger from the center and slightly lift up both sides of the SECONDARY ANTENNA.



While holding the sides up, twist the SECONDARY ANTENNA counter-clockwise and separate it from the ENGINE BOARD.

Scenario B

Removing the SECONDARY ANTENNA

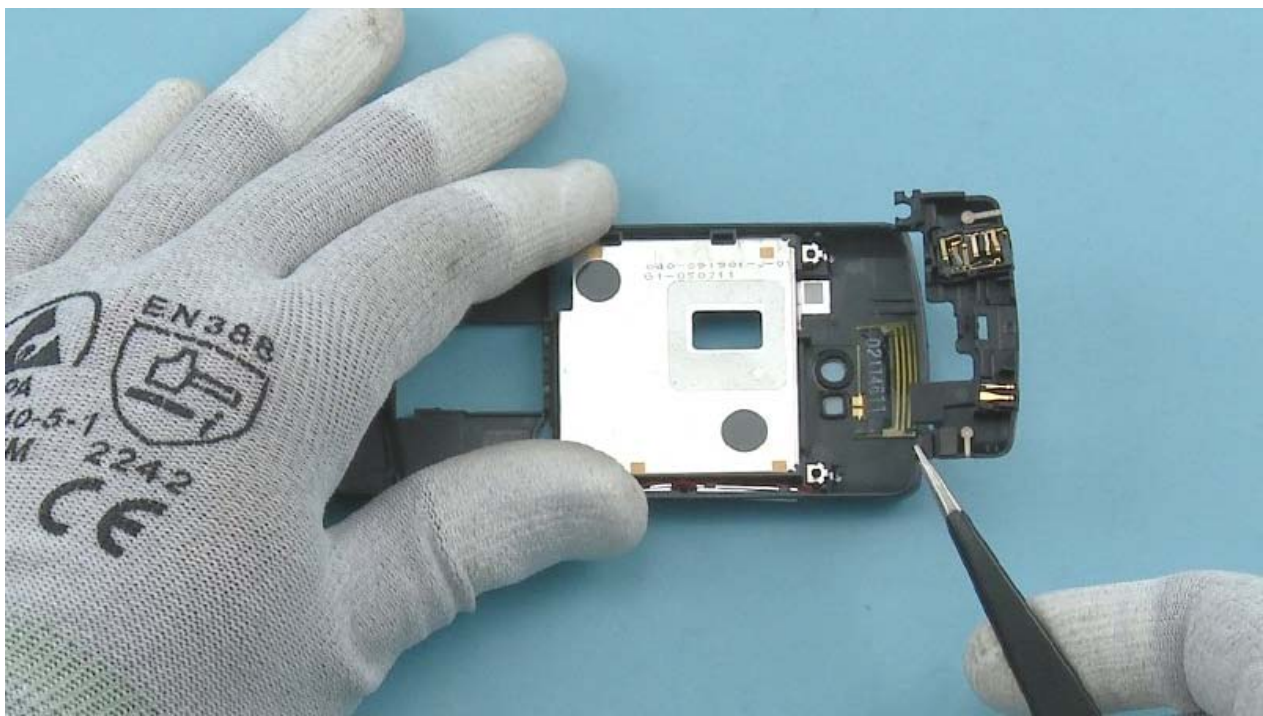
If the SECONDARY ANTENNA is not attached to the ENGINE BOARD with the antenna hook.



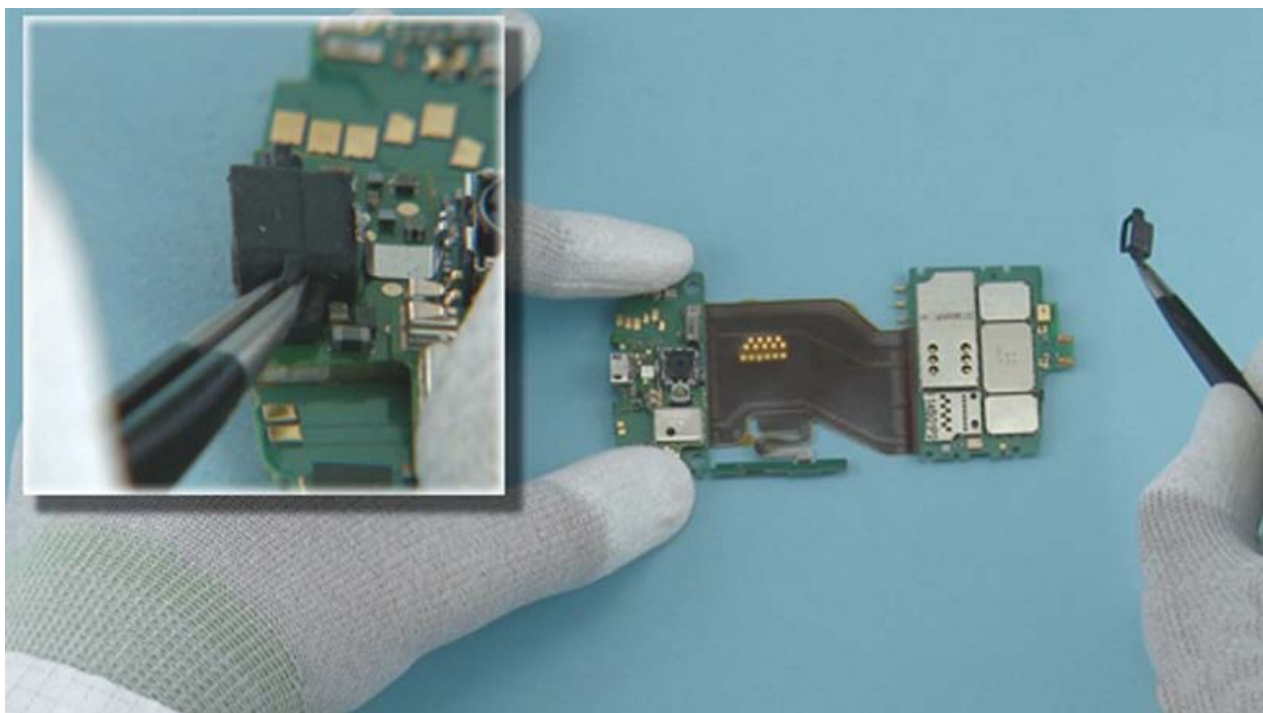
After separating the ENGINE BOARD from the D-COVER the SECONDARY ANTENNA stays in the D-COVER.



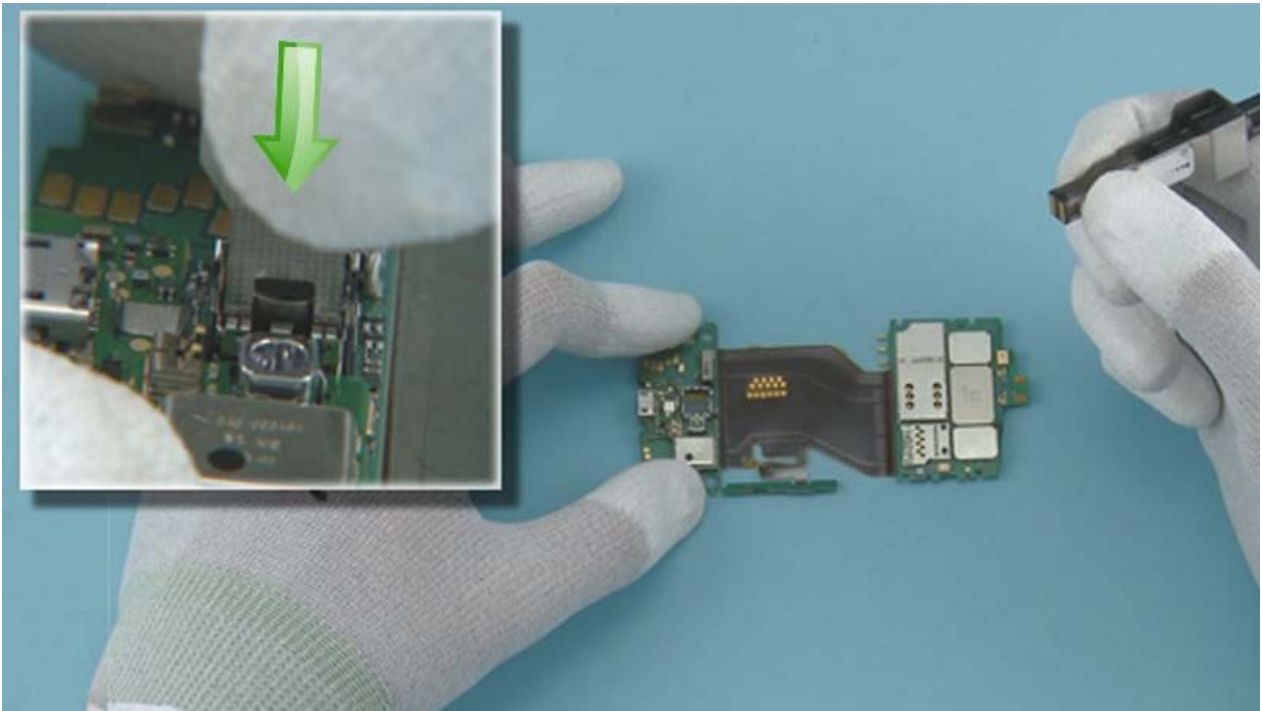
Use the sharp end of the SS-93 to lift up the SECONDARY ANTENNA from the shown place. Be careful not to damage the shown D-COVER grounding spring under the SECONDARY ANTENNA.



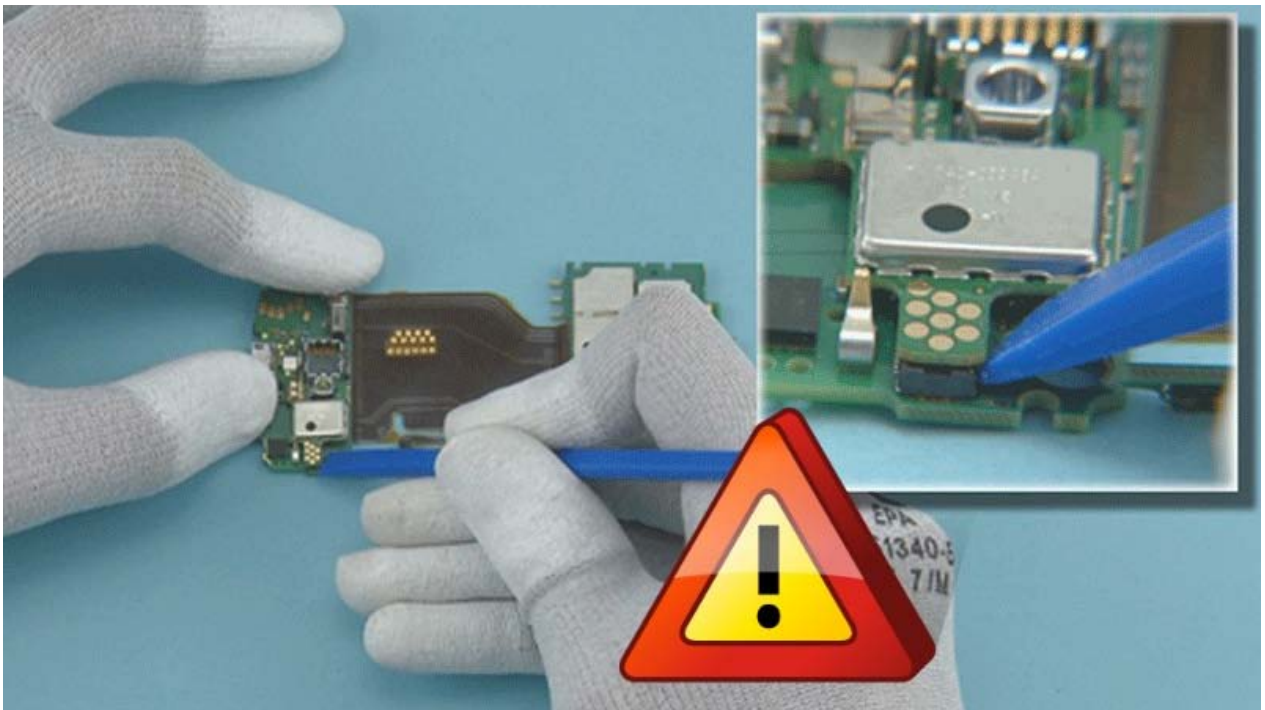
Remove the SECONDARY ANTENNA with the tweezers.



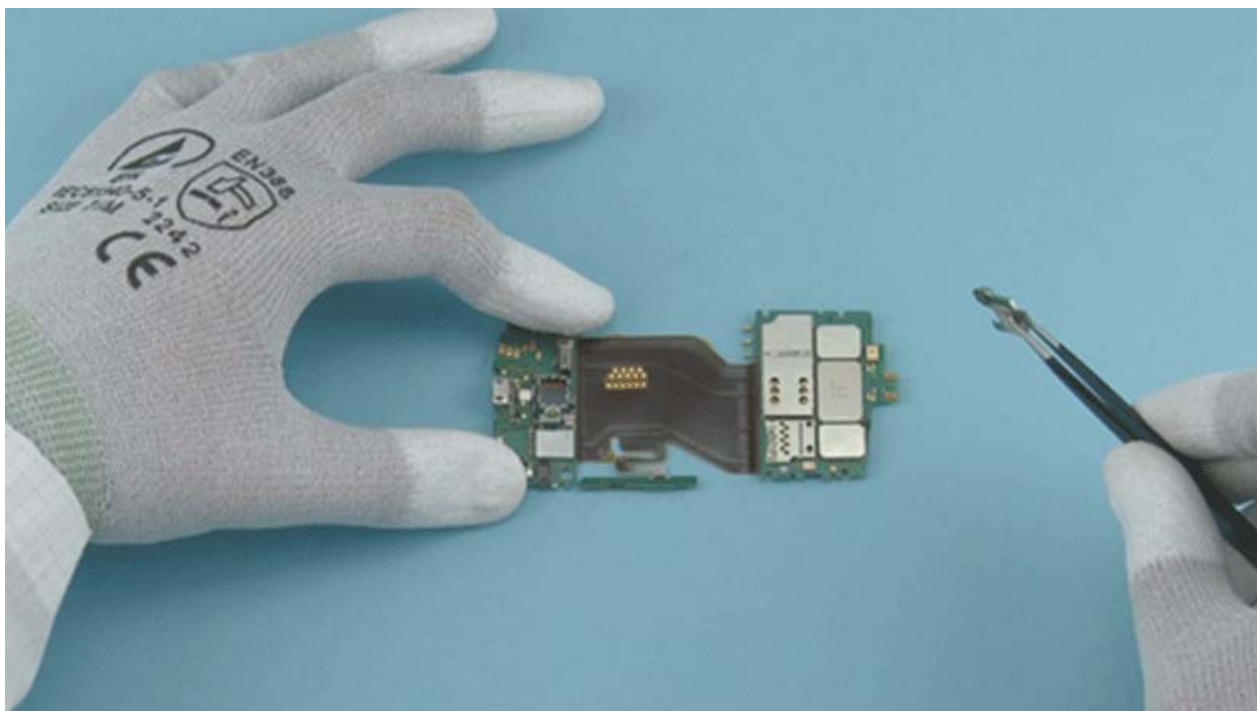
Remove the USB BOOT with the tweezers.



Remove the CAMERA with the camera removal tool ss-88.



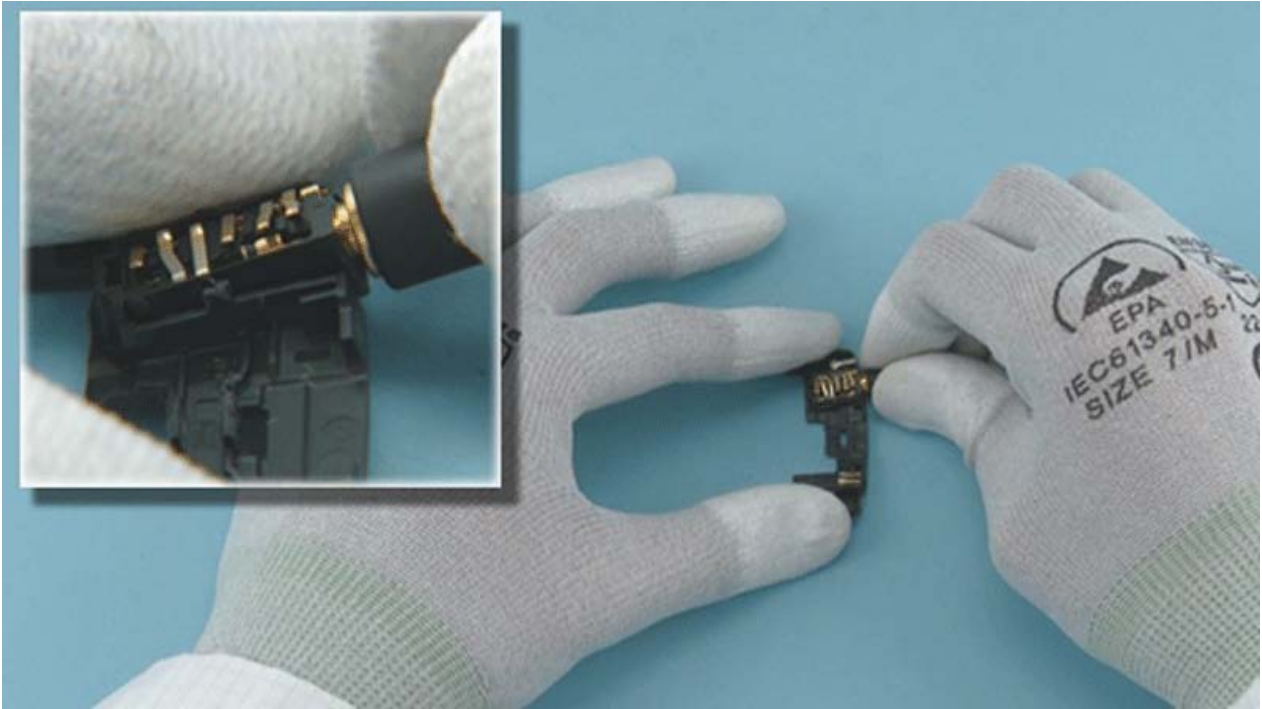
Use the SS-93 to open the NFC MECHANICAL ASSEMBLY connector. Be careful not to damage the connector or any nearby components.



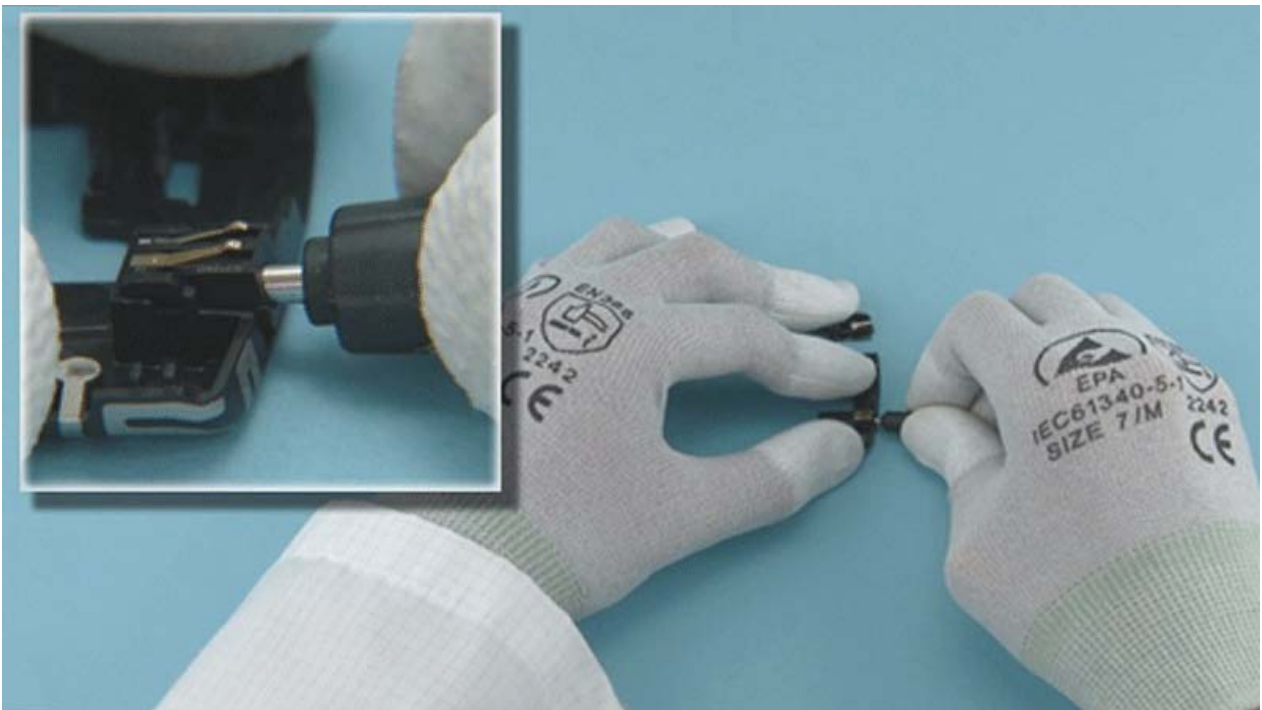
Remove the NFC MECHANICAL ASSEMBLY with the tweezers.



Remove the FLASH REFLECTOR with the tweezers.



Use the AV plug to lift up and remove the AV JACK.



Use the DC plug to lift up and remove the DC JACK.

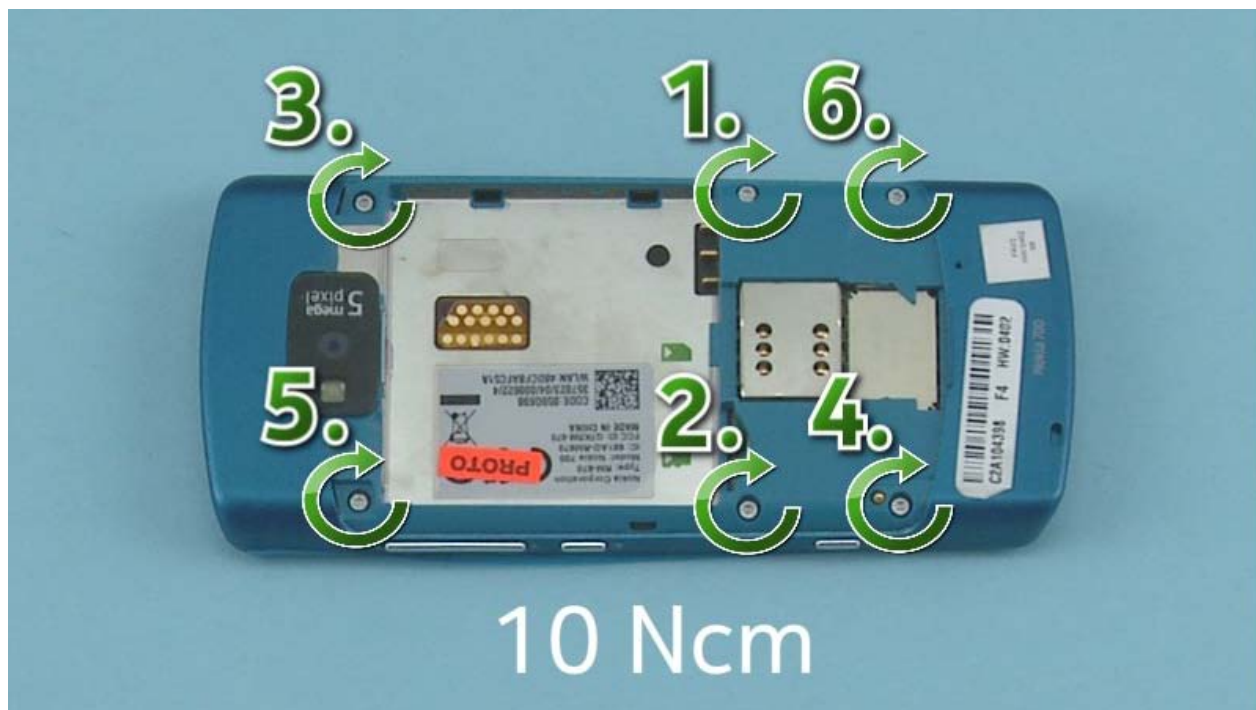


Use the SS-93 to peel off the TEST PAD ADHESIVE and remove it with the tweezers. Do not use it again. Discard it.



The Nokia 700 disassembly is now complete.

-END OF DISASSEMBLY-



Tighten the six TORX + size 4 screws to the torque of 10 Ncm in the order shown.



FLS-5 Flash Device



CA-101 Service Cable



AC-15 Travel Charger



SS-88 Camera removal tool



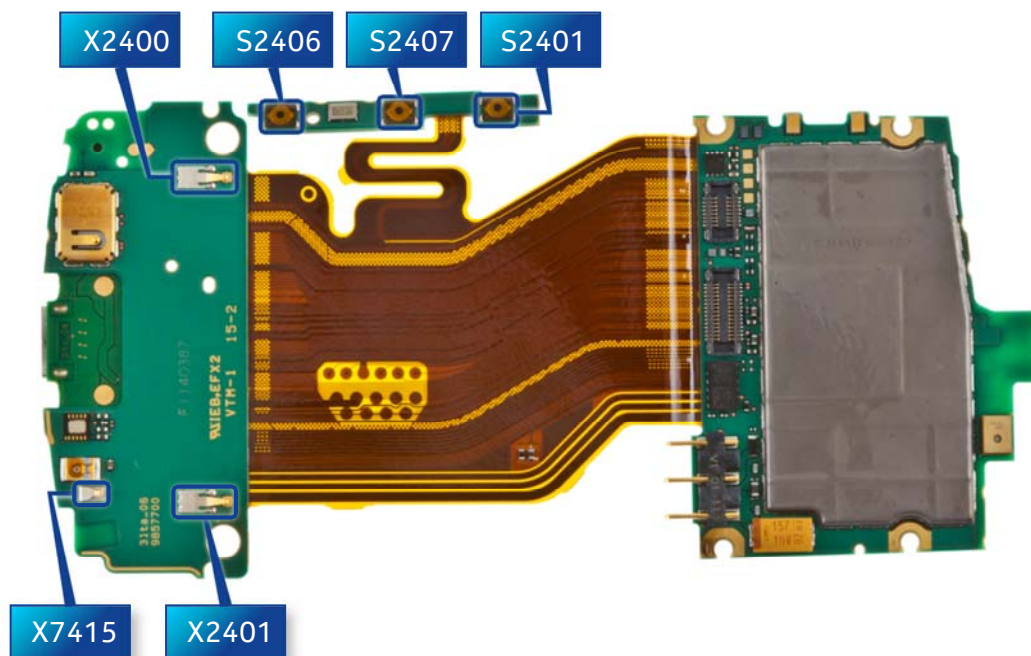
Battery BP-5Z



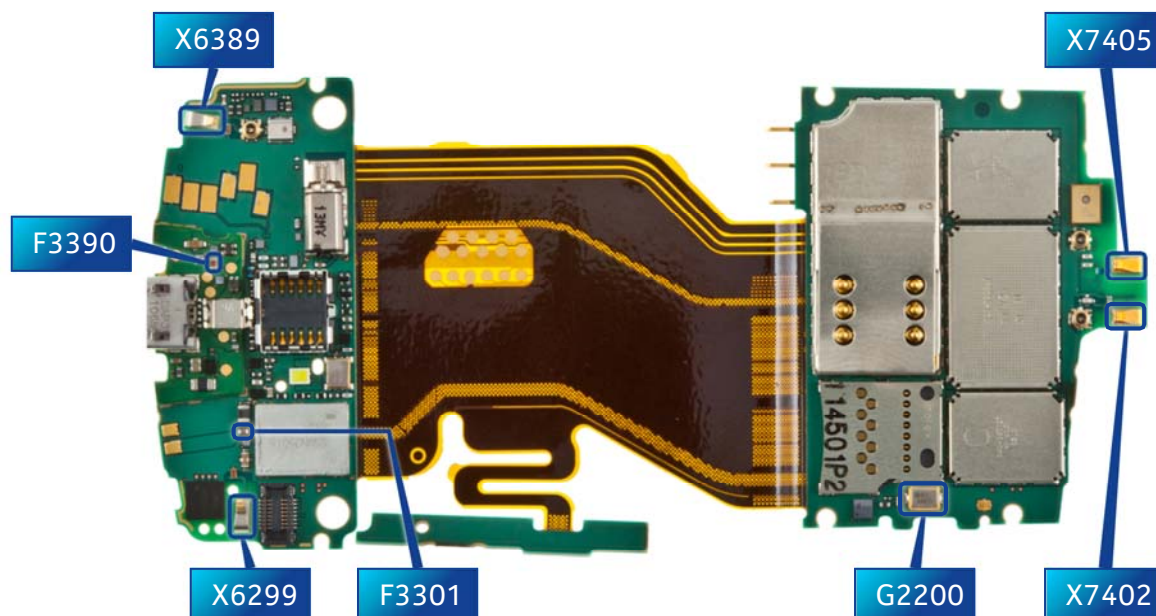
Nokia Standard Toolkit (v2)

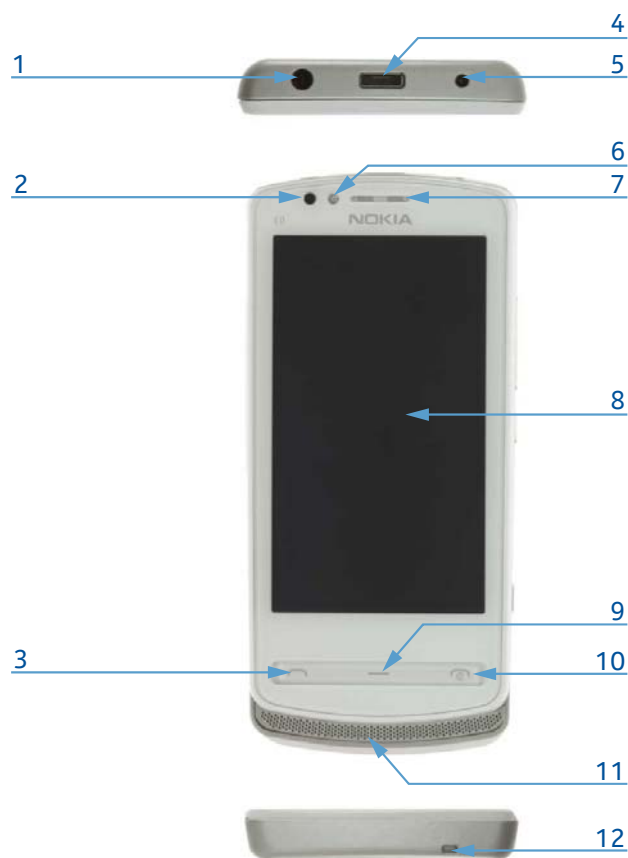
For more information, refer to the Service Bulletin (SB-011) on Nokia Online. Supplier or manufacturer contacts for tool re-order can be found in "Recommended service equipment" document on Nokia Online.

TOP

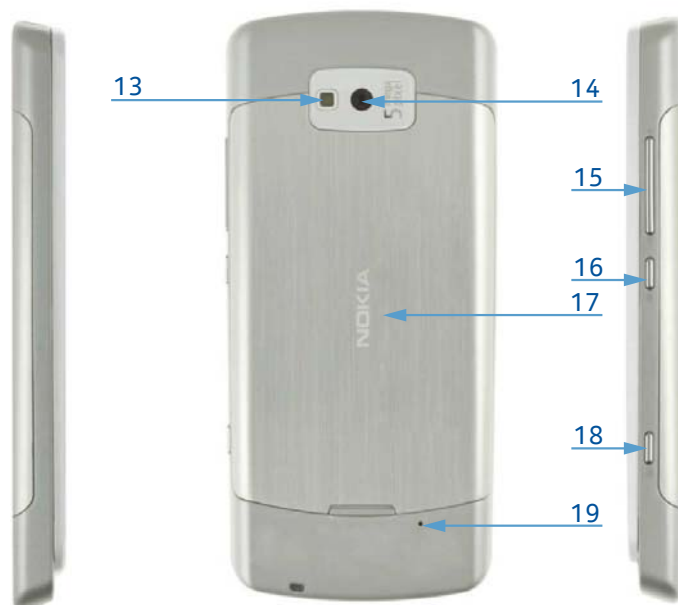


BOTTOM





- 1 — Nokia AV 3.5 mm connector
- 2 — Proximity Sensor
- 3 — Call key
- 4 — Micro USB
- 5 — Charger connector
- 6 — Ambient Light Sensor
- 7 — Earpiece
- 8 — Display
- 9 — Menu key
- 10 — End/Power key
- 11 — IHF Speaker
- 12 — Strap holder
- 13 — Led flash
- 14 — Camera
- 15 — Volume/Zoom key
- 16 — Lock key
- 17 — Battery cover
- 18 — Camera key
- 19 — Noise cancelling microphone



Ver. 1.0

